

# EXHIBIT 5



**CURRICULUM VITAE**  
**GARRY R. BROCK, Jr., Ph.D.**  
**Mechanical Engineer / Biomechanical Engineer**

**Academic Background**

Ph.D., Cornell University, Sibley School of Mechanical Engineering, Biomechanics, Ithaca, New York, January 2015

M.S., Cornell University, Sibley School of Mechanical Engineering, Biomechanics, Ithaca, New York, May 2012

M.S., Mechanical Engineering, University of Maryland, Center for Advanced Life Cycle Engineering, College Park, Maryland, June 2009

B.S., Engineering Physics, Elizabethtown College, Elizabethtown, Pennsylvania, May 2007

**Professional Work History**

Mechanical Engineer, Biomechanical Engineer, CED Technologies Inc., 2014-Present

Teaching Assistant, Cornell University, Fall 2012-2013

Graduate Research Assistant, Cornell University, 2009-2014

Mechanical Engineering Intern, ITT Corporation, June to August 2009

Graduate Research Assistant, University of Maryland, June 2007 to May 2009

Undergraduate Researcher, University of Maryland, June to August 2005, 2006

**Publications**

"The Effect of Osteoporosis Treatments on Fatigue Properties of Cortical Bone Tissue.", Bone Reports, Accepted (2014) Brock GR, Chen JT, Inghraffa AR, MacLeay J, Pluhar GE, Boskey A, van der Meulen MCH

"Alterations to Cortical Bone Fatigue Life Depend on Bisphosphonate Type.", J. Bone Miner Res 28 (Suppl 1), LB-SA06 (2013) Brock GR, Inghraffa AR, MacLeay J, Boskey A, van der Meulen MCH

"Nanoscale examination of microdamage in bone using synchrotron radiation transmission X-ray microscopy.", PLoS One 8(3):e57942 (2013) Brock GR, Kim G, Inghraffa AR, Andrews JC, Pianetta P, van der Meulen MCH

"A nanoscale examination of microdamage in cortical bone using synchrotron radiation transmission X-ray microscopy.", Trans Orthop Res Soc 37: 37: 137 (2012) Brock G, Kim G, Andrews JC, Inghraffa AR, van der Meulen MCH

"Comparison of bone mineralization using microcomputed tomography and transmission X-ray microscopy.", J Bone Miner Res 25 (Suppl 1), SU0062 (2010) Kim G, Brock G, Meirer F, Almeida E, Hayter J, van der Meulen MCH

"The effects of Environmental Stresses on Multilayer Ceramic Capacitors with Flexible Terminations.", IPC APEX (2007) Brock GR, Azarian M, Pecht M

**Areas of Expertise**

Slip, Trip and Fall

Injury Analysis

Occupant Kinematics

Accessibility, Building Code, Life Safety Evaluations

Premises Liability

Human-Environment Interactions

Product Design and Evaluation

**FEE SCHEDULE**  
**Effective January 2014**

**GARRY R. BROCK, Jr., Ph.D.**  
**Mechanical Engineer / Biomechanical Engineer**  
**\$190.00 per hour**

**Time**

Engineer Time	\$155.00 - \$365.00 per hour
Research Associate and Technician Time	\$ 85.00 - \$140.00 per hour
Graphic Designer Time	\$110.00 per hour

Engineering time is billed at the same rate for all services including research, review, analysis, testing, inspections, depositions, trial, testimony and travel. There are no charges or administrative fees for opening or maintaining case files.

**Expenses**

Normal expenses and costs will be charged to the case. These include:

Mileage	\$0.68 per mile
Digital Photographic and CD	\$0.38 per photograph
Video Recording	\$45.00 per tape
Large Media Print	\$70.00 per print
Laboratory Usage Fee	To be specified
Equipment Storage Fee	To be specified
Special Equipment for Testing	At cost
Testing Materials	At cost
Travel Tickets	To be specified
Hotel, Meals, etc.	To be specified

Materials and/or other specified expenditures that are required to the case will be charged at cost. Items purchased that are retained by CED and usable in other cases will not be charged.

Activities are billed monthly or at the completion of a work phase. All balances are due upon receipt of invoice. Rates are subject to change without notice. Unpaid bills are charged a service fee of 1 ½ % per month for unpaid balances.

CED reserves the right to require a retainer. This retainer is a forward payment of future services for which the client has contracted, retained and agreed upon the engineer's billable rates and expenses.

If there is a question about any item on our fee schedule, please call to discuss your concern. Our ultimate goal is to provide you with the highest level of service possible.